## ISSUE SLIP STAPLE AREA (for additional cross references)

DATE	IU NO.	INITIALS	POSITION
04-06-6		Askerl-	FEE DETERMINATION
53/	59		O.I.P.E. CLASSIFIER
125(129) 11	1081	57	FORMALITY REVIEW
8-20-01	1091	-1186	RESPONSE FORMALITY REVIEW
U5 09	1081	-10	

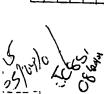
## **INDEX OF CLAIMS**

~	Rejected	N	Non-elected
=	Allowed	- 1	Interference
_	(Through numeral) Canceled		Appeal
÷	Restricted	n	Objected

`\					•	-	••••	••••	• • • • •	••••	•	•••••	. Ke	Stri	cte	0			Ç	)	••••	••••	•••••	•••••	•••••	(	)bje	cte	d							
Clai	m ,	Date  5 7 10 10 11 11 11 11 11 11 11 11 11 11 11								Date Claim Date											Claim Date												-			
	Original A-20-2	3	والأ	烨	19	1	4	T		Τ		Г	T <sub>3</sub>		Т	Τ	T	Τ		T	Т	Τ	Τ	1	1	┰	_	Τ	Τ	Τ	Ť	T	Τ	Т	Т	٦
Final	Original A-20-2	Ž	13	E		٤	إذ																	1	I Pool	Ortginal			ı				1	1	İ	
1	) )	<u>/ -</u>	2	13	+	70	4	+	┿	┿	┥	-  -	5	<u>}</u>  -	+	╀	4	+	+	+	+	+	$\downarrow$	4	ū	ō	$\perp$	L	Ļ	$\perp$	1	$\perp$	┸	1	$\downarrow$	
hf	2 1	╁	Ήř	H	ť	1=	+	╁	+	+-	┨	⊦	5		+-	+	╁	+	╁	+	╀	+	+	4	<u> </u>	10		Ļ	╀	4	4	4	╀	4	4	
Ż	3	#	╫	H	t	ŧ		+	+	+	┥	┢	5	_	╁	+	┿	┿	┿	╁	┿	╀	+-	-	-	10		╀	╀	╀	4	4	╀	4	4	_
3	4	${}^{\dagger\dagger}$	╁	H	<del>,</del> -	=		+	+	+	┥	$\vdash$	5		+-	╁	┿	╀	┿	+-	╀	┿	╀	┨	$\vdash$	10		Ļ	╄	+-	4	4	4	4	4	_
	5	Ħ	ブ	7	7	1	+	$^{\dagger}$	╁	+	┪	-	5		十	+	+	+	╁	┿	┿	╁	┿	┨	┢	100		⊢	╁	╀	╁	╁	╀	+	╬	4
	N/	, † †,	,		T	T	Ť	+	+	+	┪	<b>-</b>	5	_	†-	+	╁	+	╁	+	+	┿	+	┨	$\vdash$	100		╀	╀	╀	╀	╁	╀	+	╁	4
		1				T	7	T	†	T	7		5		+	十	†-	+	+	╁	✝	+	┿	┨	$\vdash$	107		┢	╁	┿	╁	┿	╁	╌	+	$\dashv$
	1)		Π	N	Γ	Ι	Τ		T	1	7		5	3	$\top$	1	+	1	T	+	T	+	+	1	$\vdash$	108		┢	t	╁	╁	+-	+	十	十	┥
	) ) 1	L				I	Ι	Ι	Ι	Ι	]	Г	5	PT.	T	Т	Т	1	1	T	†	+	+	1	+	106		H	╁	╁	↟	╁	╁	╁	+	┪
<u>                                     </u>	bl_	L	L	Ц		Ľ	L	Ι	_	Ι			6	)	Τ		7	1	$\top$	✝	1	1	1	1		110		$\vdash$	✝	1	†	+	十	╈	+	7
	1	乚	L	Ц	L	L	L		I	Γ	]		6	1	Γ			Ι	Τ	Т	T	Τ	T	1		111			1	1	†	✝	+	十	+	+
.  ;	<b>E</b>	<u> </u>	<u> </u>	Ц	L	$\perp$	$\perp$	$\perp$	1	L	╛		62		L	Ι	L	Г	Γ	$\prod_{i=1}^{n}$	Γ	Τ		]		112		T		1	1	+	1	十	十	1
-	80	┞	L	7	L	↓	$\perp$	╀	┸	╀	4	L	6	_	L				L		L	I	$\operatorname{\mathbb{T}}$	]		113		Г	Τ	Γ	T	1	T	✝	T	7
	<u>4</u>	┞-	<b>.</b>	L	1	1_	╀-	╀	╀	╀	4	L	64		上	1	┸	1_	┸	L				]		114	Г		Γ		Г	Т	Т	T	Т	7
51	<u>-   -</u>	├	_	L	1	Ξ	1	╀-	1	+	4	_	65		╀	$\perp$	Ŀ	丄	丄	丄	L	┸	L	]		115			Г			Τ	Ι	Т	T	1
51	-	┝	-	L	+	Ξ		+	$\perp$	╀	4	L	66		╄	4	+	╄-	╀	╄.	┺	╀	<u> </u>	1	L	116							Ι	$oxed{\mathbb{T}}$	Ι	7
1	-	-	Н	<u></u>	H	듣		┿	+	╀	4	┝	67		╀	+-	+-	╂	↓_	+	1	4.	↓_	1	L	117	L.	L	L		L	$\perp$	L	$\perp$	$\perp$	
14	-لة	-	-	_	╟	=	╌	┿	╁	╁	4	-	68	_	╀	+-	╁╌	+-	╄	4	╄	1_	↓_	1	_	118	L	L	L	L	L	L	L	L	$\perp$	1
		-	Н	-	╫╌	⊦	╁	╀	╁	╀	┨	$\vdash$	68		╀	╀	╄	┼	╄	╄-	╀	╀	╀	Į	<b>L</b>	118	L	L	L	_	ļ.	┸	L	$\perp$	$\perp$	1
2			Н		╟	╀	╀	╀	╀	╀-	┨╶	·	70		↓_	╀	↓_	↓	╙	↓_	Ļ	_	↓_	Į	L	120								L	L	
2		-	Н	-	╟	╀	┼-	╀	╄	╀-	┨	-	71		╄.	╄	↓	╙	┼	↓_	╀	1	╀	Į		121	Ш		L	L	L	$\Gamma$	L	$oldsymbol{\mathbb{L}}$	I	I
2		-	Н		╫	-	╌	╀	╀	╀	4	$\vdash$	72		╁╾	╀	┼	┼		₩.	╄-	╀	╄-	l	<u>_</u>	122			L	L	L	L	L	L	$\perp$	1
2		Н	Н	-	Ż	┡	╁	╁	╁	╁	4	-	74		┼-	╀	+-	╄	╄	╀	╀	┼	╄	Į	$\vdash$	123	Ш	_	L	ļ	L	↓_	L	1	$\perp$	1
2		Н	Н	-	•	-	┢	╁╌	╁	╁╴	┥	$\vdash$	75	-	┼-	╂╼	╀	╁	╀─	╁	╀╌	-	╄	ł	-	124	щ	_	<u> </u>	┡	Ļ	╄	L	丰	丰	4
20		Н	Н	┪	_	╁╴	t	✝	╁	╁	┨	┝	76	-	<del>  -</del>	╀╴	╄╌	╁	┝	╁	╄	╀	╀	١.	$\vdash$	125	Н		_	_	L	╄	L	ـــــــــــــــــــــــــــــــــــــــ	4	4
2		М		Ť		-	T	Ħ	╁	+	1	$\vdash$	77	-	-	╆	╀╌	┢	╁	╁	├	╁	╀	ł	$\vdash$	126 127			⊢	H	┝	╀	┞	╀	+	+
20	3	П			_		Η	$\vdash$	┢	t	1	-	78	$\vdash$	一	┿	╁	$\vdash$	╁	╁	╁	┢	╁	ł	-	128	-	-	<u> </u>	-	⊢	Ͱ	⊢	╄	╄	+
29						Τ	Г	T	T	T	1	$\vdash$	79	T	1	✝	1-	1	╁╴	┢	$\vdash$	┼	┢	ĺ	$\vdash$	129	-			-	┝	╌	H	╆	╁	+
3				$\Box$					Г	Γ	1		80	1		1	✝	1-	1	<b>†</b>	1-	†	H		H	130	-	_	_	-	┝	$\vdash$	┝	╆╌	+	+
3	_										]		81			Г			Ι-	Γ	Г			i	Н	131	$\neg$	_	_	-	H	┪	┝	╁	+	t
3	_		_	_	_	Ĺ					]		82					Γ				Ī-		1	Г	132	┪	┪	_		┢		-	†	┿	t
3:		_	4	_	_	L	L	Ĺ	Ĺ	Ĺ	1		83													133	┪	$\dashv$				1	┢	T	t	t
34		-		4		_	<u> </u>	L	<u> </u>	L	Į.	$\perp$	84	L	Ĺ		L		L							134						Γ	Т	Τ	$\vdash$	t
35		4	-	-	_	<u> </u>	L	<u> </u>	L	<u> </u>	1	L	85	L	<u> </u>	L	L.	Ĺ	Ĺ							135	╛		╗					Г	Т	t
37		4	+	-	_	L.	$\vdash$	┡	<u> </u>	L	1	<b>L</b>	88	L	<u> </u>	L	L	L	L	L	L	Ĺ			-	136								Γ	Γ	T
38			$\dashv$	4			┡-	<u> </u>	-	<u> </u>	ļ	1	87	<u> </u>	<u> </u>	Ļ.	L	L	L	L	L	Ц	Ц		_	137	$\Box$								$\Gamma$	Γ
39		$\dashv$	+		-	<u> </u>	-	├-	L	$\vdash$	1	<u></u>	88	<u> </u>	$\vdash$	$\vdash$	<u> </u>	L	<u> </u>	L	<u> </u>	L	Ш			138	I									Γ
40	-	┥	┽	+	$\dashv$	<u> </u>	<u> </u>	⊢	-	⊢	1	$\vdash$	89	$\vdash$	<u> </u>	L	<b> </b>	Н	Щ	$\vdash$		Н			_	139	_[	_[	$\Box$	_]				L		I
41		$\dashv$	+	-+	_		-	<u> </u>	-	$\vdash$	1	$\vdash$	90	Щ	H	Н	L	Щ		Щ		Ц	Ц		—-	140	4	$\perp$	_					Ĺ		Ĺ
42		+	+	+	$\dashv$	-	<b>-</b>	<u> </u>	$\vdash$	<u> </u>		-	91	Щ	L.,	Ŀ	<u> </u>	Щ	Щ	Ц		Ц	Ц			141	$\perp$	$\perp$						Ĺ		Γ
43		+	+	+	-	-	Щ	<u> </u>	⊢	<u> </u>		$\vdash$	92	Щ	Щ	Н	H	Щ	Щ	Ш		Ц	Ц			142	4	4	Ţ							Γ
44		+	-+	+	$\dashv$	_	_	-	Н	H		$\vdash$	93 94	Н	Н	Н	Н	Ч	Щ	$\sqcup$	Щ	Н	$\dashv$		_	143	4	4	4	4		Ц		L	Ц	Ĺ
45		$\dashv$	+	+		$\dashv$	닉	H	Н	-		-	95		Н	Н	$\vdash$	$\dashv$	$\dashv$	$\vdash$	Н	Н	Ц			144	+	4	4	4	_		_	oxdot	Ц	Ļ
46		$\forall$	+	+	-	ᅱ	Н	-	Н	Н		$\vdash$	96	$\dashv$		Н	Н	$\dashv$	$\dashv$	-	-	Н	{		_		+	$\dashv$	4	4	_	_	-	<b> </b>	Щ	L
47	$\sqcap$	7	十	+	7	$\neg$	$\neg$	-	H	Н	ĺ	$\vdash$	97	$\vdash$	Н	Н	$\vdash$	-	$\dashv$	Н	-	Н	$\dashv$		_	46	+	+	+	4		-			Н	L
48	$\Box$		$\top$	7	7	ᅥ		7	Н	-		$\vdash$	98	$\dashv$	$\dashv$	Н	$\dashv$	ᅥ	-	$\dashv$	-	-	ᅱ			48	+	+	+	-	$\dashv$		-	Н	Н	H
49					_†				П			$\sqcap$	99	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	-	ᅱ			49	+	+	+	+	-	-	$\dashv$	Н	Н	H
50	$\Box$	$\Box$	I	I									100						_	$\neg$	_	┪	ᅥ			50	+	+	┪	┪	┥	┪	+	$\vdash$	H	۲

If more than 150 claims or 10 actions staple additional sheet her

(LEFT INSIDE)





## This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER:
MACES ADE DEST'AVAILABLE COPY.

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.